FEE TRANSMITTAL

Title of Invention	Automatic Routing System with Variable Width Interconnect

Application Number :

Date :

First Named Applicant: Graham Balsdon

Attorney Docket Number: 021648-000700US

TOTAL FEE AUTHORIZED $ 468

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as small entity

BASIC FILING FEE

Fee Description	Fee Code	Amount $	Fee Paid $
Utility Filing Fee	2001	385	385
		Subtotal For Basic Filing Fees: $ 385	

EXTRA CLAIM FEES

Fee Description	Extra Claim	Fee Code	Amount $	Fee Paid $
Total Claims : 20	0	2202	9	0
Independent Claims : 4	1	2201	43	43
			Subtotal For Extra Claims Fees: $ 43	

ASSIGNMENT FEES

Fee Description	Property Number	Quantity	Fee Code	Amount $	Fee Paid $
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	40	40
				Subtotal For Additional Fees: $40	

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 201430

Deposit name: Townsend and Townsend and Crew LLP

Deposit authorized name: Melvin D. Chan

Signature: Melvin D. Chan

Date (YYYYMMDD):   2004-06-01

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.